

Applicant: Alexander C. Pummer and John E. Powers
Filed: Decemeber 11, 2003
Title: TELECOMMUNICATION SYSTEMS FOR PROVIDING CELLULAR SERVICE TO RF SHADOWS
Express Mail Label No.: EE526390718US
Agent's File Reference: 0317-01



UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Mail Stop: PATENT APPLICATION

Sir:

Transmitted herewith for filing is a utility patent application as identified above. The application includes the following:

- ☒ Specification with claims, totaling 10 pages;
- ☒ Drawings with 8 figures, totaling 5 sheets;
- ☒ DECLARATION AND AUTHORIZATION OF AGENT, totaling 2 pages;
- ☒ Form PTO/SB/17—FEE TRANSMITTAL FOR FY 2004;
- ☒ Form PTO-2038—CREDIT CARD PAYMENT FORM;
- ☒ Form PTO-1595—RECORDATION FORM COVER SHEET;
- ☒ ASSIGNMENT;
- ☒ AUTHORIZATION OF AGENT; and
- ☒ Return Receipt Postcard.

Applicant is a small entity. The filing fee is \$385. There are no excess claims. Form PTO-2038 is enclosed to cover the filing fee.


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Respectfully submitted,

Dated: December 15, 2003


Eric K. Satermo
Registration No. 40,159



Applicant: **Alexander C. Pummer and John E. Powers**
Filed: **Decemeber 11, 2003**
Title: **TELECOMMUNICATION SYSTEMS FOR PROVIDING CELLULAR
SERVICE TO RF SHADOWS**

Agent's File Reference: **0317-01**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that on the date identified below, this paper and each paper listed below are being deposited with the United States Postal Service as with sufficient postage in an envelope addressed to:

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EE526390718US

Mailing label No.

December 15, 2003

Date

Eric K. Satarmo

Signature

Eric K. Satarmo

Typed or printed name of person signing Certificate

Each paper attached or enclosed:

1. UTILITY PATENT APPLICATION TRANSMITTAL;
2. United States Utility Patent Application for TELECOMMUNICATION SYSTEMS FOR PROVIDING CELLULAR SERVICE TO RF SHADOWS (including 10 pages of Specification, Claims, and Abstract and 5 sheets of drawings);
3. DECLARATION AND AUTHORIZATION OF AGENT (2 pages);
4. Form PTO/SB/17—FEE TRANSMITTAL FOR FY 2004;
5. Form PTO-2038—CREDIT CARD PAYMENT FORM;
6. Form PTO-1595—RECORDATION FORM COVER SHEET;
7. ASSIGNMENT; and
8. AUTHORIZATION OF AGENT.



121503

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 425.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Alexander C. Pummer et al.
Examiner Name	
Art Unit	
Attorney Docket No.	0317-01

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 385.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 20 - 20** = 0 x = 0

Independent Claims 2 - 3** = 0 x = 0

Multiple Dependent =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)**SUBMITTED BY**

Name (Print/Type)	Eric K. Satermo	Registration No. (Attorney/Agent)	40,159	Telephone	949-752-9525
Signature		Date	12-15-2003		

(Complete if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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